

# ILLINOIS WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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## ILLINOIS STATE WATER SURVEY

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### CROPS

Corn and soybean planting progress continued at record levels across Illinois last week, as farmers were able to make good progress on fieldwork. The State averaged 4.25 days suitable for fieldwork with the northern half of the State most active. Farmers were delayed by much needed rain in the latter half of the week, as thunderstorms covered most of the State. Other major field activities were hoeing corn, applying herbicides, spreading fertilizer, and cutting hay.

CORN planting, as of Sunday, May 18, was 97% complete, compared to 92% last year and the 5-year average (1981-85) of 76%. This percent is also a record high for this date. The average height of all corn that has emerged was 5 inches, compared to the average of 1 inch. The average height of the t advanced fields was 10 inches compared to the average of 3 inches. Condition of the crop on May 16 was reported as 32% excellent, 60% good, and 8% fair. Cutworms continue to be a problem in many areas.

SOYBEAN planting, as of May 18, was 55% complete, compared to 50% last year and the 5-year average of 30%. This year's percent of soybeans planted is a record high for this date.

WINTER WHEAT condition, on Friday, May 16, was 3% excellent, 25% good, 48% fair, 20% poor, and 4% very poor. As of May 18, 80% of the acreage had headed, compared to 75% last year and the 5-year average of 47%. Twenty-five percent of the acreage has filled, compared to 18% last year and the average of 9%.

SORGHUM planting by May 18 was 35% complete compared to 14% last year and the 5-year average of 10%.

OATS condition, on May 16, was reported as 9% excellent, 53% good, 36% fair and 2% poor. As of May 18, 8% of the acreage had headed, compared to 5% last year and the 5-year average of 2%. One percent of the acreage has filled, compared with none for both last year and the 5-year average.

ALFALFA condition, on May 16, was reported as 3% excellent, 56% good, 35% fair, 6% poor. Fourteen percent of the first crop was cut on May 18 compared to 5% last year and the 5-year average of 9%.

CLOVER HAY condition on May 16 was reported as 10% excellent, 72% good, 17% fair, and 1% poor. Ten percent of the crop has been cut, compared to 11% last year and the 5-year average of 4%.

PASTURE condition on May 16 was reported as 10% excellent, 49% good, 38% fair, and 3% poor.

SOIL MOISTURE on May 16 was reported as 32% short, 50% adequate, and 18% surplus.

### WEATHER

TEMPERATURES in Illinois continued above normal, but a cooling trend began on the 18th. The entire State was warmer than normal by at least 1° to 2°. The area south of a line from Galesburg to Urbana, and north of a line from Kaskaskia to Effingham was 5° warmer than normal. Danville showed the greatest deviation at +6°. Daily highs were generally in the high 70's in the North and mid-80's in the South. Daily lows were about 18° lower.

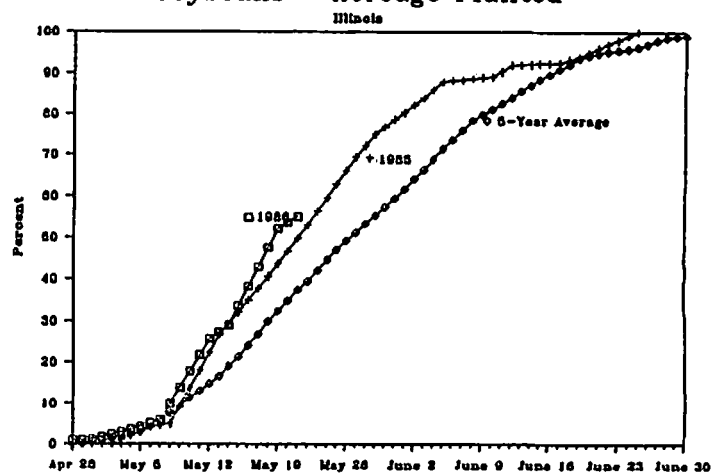
PRECIPITATION: The dry spell which continued for the last few weeks was broken in Illinois, except for a band from St. Louis to about Champaign. Although the area from Jacksonville to Urbana to Salem to Prairie Du Rocher received less than 1 inch of precipitation, more than 5 inches fell in the Northwest and the extreme South, where 5.31 inches fell at Morrison and 5.12 inches at Goreville.

The OUTLOOK for the next 10 days calls for below normal temperatures and below normal precipitation across Illinois.

The 30-Day Outlook from May 15 thru June 15 is for temperatures to be near normal. Precipitation is expected to be above normal.

The 90-Day Extended Outlook from May thru July is for temperatures above normal and precipitation near normal.

Soybeans - Acreage Planted



### ILLINOIS CROP REPORTING DISTRICT SUMMARY

|                              | NW  | NE  | W   | C   | E   | WSW | ESE | SW  | SE  | STATE | 5-YR. AVG. |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------|
| As of May 18                 |     |     |     |     |     |     |     |     |     |       |            |
| Corn: Percent planted        | 95  | 95  | 98  | 99  | 98  | 99  | 98  | 95  | 90  | 97    | 76         |
| Soybeans: Percent planted    | 45  | 50  | 55  | 65  | 50  | 60  | 60  | 40  | 50  | 55    | 30         |
| Alfalfa Hay: Percent cut     | 8   | 5   | 8   | 5   | 5   | 20  | 25  | 50  | 35  | 14    | 9          |
| Days suitable for fieldwork: | 4.0 | 4.0 | 5.0 | 4.5 | 3.5 | 5.0 | 4.5 | 4.0 | 4.0 | 4.25  |            |
| Week ending May 16           |     |     |     |     |     |     |     |     |     |       |            |
| Soil moisture percent:       |     |     |     |     |     |     |     |     |     |       |            |
| Short                        | 35  | 35  | 55  | 55  | 5   | 65  | 20  | 15  | 0   | 32    |            |
| Adequate                     | 65  | 50  | 45  | 40  | 60  | 35  | 65  | 45  | 45  | 50    |            |
| Surplus                      | 0   | 15  | 0   | 5   | 35  | 0   | 15  | 40  | 55  | 18    |            |

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

Illinois Weather & Crops  
May 19, 1986

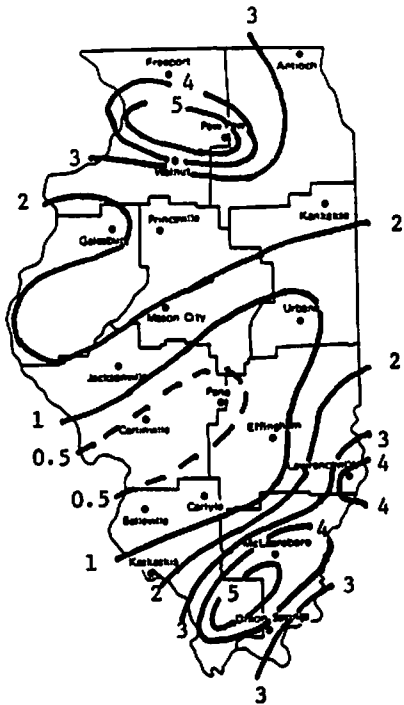
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PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

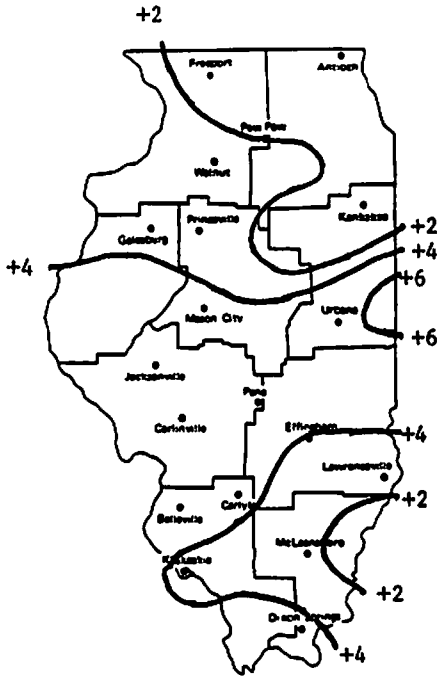
|           | NW    | NE    | W     | C     | E     | WSW   | ESE   | SW    | SE    |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| April     | 2.09  | 1.60  | 1.12  | 1.61  | 1.79  | 1.35  | 1.30  | 2.61  | 2.96  |
| Departure | -1.41 | -1.92 | -2.63 | -2.21 | -2.01 | -2.40 | -2.54 | -1.56 | -1.38 |

Week ending Sunday, May 18, 1986

| Location      | Temperatures |              |                | Precipitation |                |                          | Growing Degree Days (50 deg) |                |                          |
|---------------|--------------|--------------|----------------|---------------|----------------|--------------------------|------------------------------|----------------|--------------------------|
|               | Maxi-<br>mum | Mini-<br>mum | Depar-<br>ture | Curr.<br>week | Since<br>May 1 | Departure<br>since May 1 | Curr.<br>week                | Since<br>May 1 | Departure<br>since May 1 |
| Freeport      | 75           | 44           | 0              | 3.73          | 3.94           | 1.56                     | 80                           | 239            | 32                       |
| Paw Paw       | 77           | 48           | -1             | 5.20          | 5.39           | 2.99                     | 86                           | 232            | 20                       |
| Antioch       | 78           | 46           | 1              | 3.41          | 3.76           | 1.33                     | 112                          | 265            | 31                       |
| Galesburg     | 83           | 50           | 3              | 1.20          | 2.54           | 0.00                     | 141                          | 323            | 36                       |
| Walnut        | 80           | 48           | 0              | 2.52          | 2.89           | 0.49                     | 99                           | 267            | 25                       |
| Mason City    | 81           | 51           | 5              | 1.11          | 2.29           | 0.37                     | 122                          | 321            | 71                       |
| Princeville   | 83           | 43           | 0              | 2.86          | 4.25           | 1.91                     | 85                           | 252            | 30                       |
| Kankakee      | 81           | 45           | 0              | 2.16          | 3.01           | 0.69                     | 86                           | 244            | 16                       |
| Jacksonville  | 83           | 45           | 2              | 1.82          | 5.60           | 3.68                     | 107                          | 312            | 62                       |
| Pana          | 84           | 51           | 5              | 0.65          | 0.83           | -2.00                    | 124                          | 358            | 109                      |
| Urbana        | 83           | 47           | 4              | 0.83          | 1.22           | -0.99                    | 108                          | 291            | 55                       |
| Carlinville   | 84           | 52           | 5              | 0.47          | 1.26           | -1.41                    | 134                          | 361            | 90                       |
| Effingham     | 82           | 48           | 2              | 1.69          | 1.83           | -0.42                    | 125                          | 330            | 69                       |
| Lawrenceville | 83           | 49           | 3              | 4.25          | 5.27           | 2.40                     | 133                          | 344            | 63                       |
| Belleville    | 83           | 55           | 5              | 0.91          | 1.76           | -0.32                    | 139                          | 379            | 97                       |
| Carlyle       | 83           | 47           | 0              | 0.94          | 1.58           | -1.80                    | 140                          | 346            | 64                       |
| McLeansboro   | 85           | 49           | 1              | 4.24          | 4.31           | 1.35                     | 131                          | 344            | 68                       |
| Kaskaskia     | 88           | 49           | 3              | 1.78          | 3.45           | 0.40                     | 155                          | 327            | 73                       |
| Dixon Springs | 84           | 55           | 3              | 2.15          | 4.24           | 0.45                     | 140                          | 377            | 61                       |



PRECIPITATION  
FOR WEEK ENDING  
MAY 18



TEMPERATURE DEVIATIONS  
FROM NORMAL FOR  
WEEK ENDING MAY 18